

Mobil

Material Safety

Data Bulletin

ISSUED BY:
DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOXICOLOGY
PRODUCT SAFETY AND COMPLIANCE
MOBIL OIL CORPORATION
150 EAST 42ND STREET
NEW YORK, NEW YORK 10017

PRODUCT IDENTIFICATION

MOBILEGREASE, 28 (PN 530626)

MANUFACTURER:

MOBIL OIL CORP.

CHEMICAL NAMES AND SYNONYMS:

SYNTHETIC HYDROCARBON

USE OR DESCRIPTION:

SOAP-FREE SYNTHETIC GREASE

EMERGENCY TELEPHONE:

(212) 333-4242

OTHER DESIGNATION:

MOBILGREASE 28

DESCRIPTIVE FORMULA:

SEE INGREDIENTS BELOW

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:

DARK RED GREASE

ODOR:

NONE

RELATIVE DENSITY: 15/4 C

1

MELTING POINT: F(C)

N/A

BOILING POINT: F(C)

> 600(315)

VAPOR PRESSURE: MM HG 20C

< .5

VISCOSITY: AT 100 F, SUS

450.0

AT 40 C, CS

VISCOSITY: AT 210 F, SUS

43.0

AT 100 C, CS

SOLUBILITY IN WATER:

NEGLIGIBLE

PH:

N/A

POUR POINT: F(C)

N/E

FLASH: F(C)

450(232)

INGREDIENTS

HAZARDOUS INGREDIENTS:

NONE

WT PCT

TLV(TWA): MG/M3

PPM

NON-HAZARDOUS INGREDIENTS:

SYNTHETIC OILS

≥ 75

ADDITIVES

< 25

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"Essentially Similar" to Form OSHA 20.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: F(C) (METHOD) FLAMMABLE LIMITS: LEL UEL
450(232) (ESTIMATED BASED ON OIL COC) UNK UNK
EXTINGUISHING MEDIA:
CO2, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:
EXTINGUISH WITH FOAM, CO2, OR DRY CHEMICAL. FIREFIGHTERS MUST USE
SELF-CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: (NOT REQUIRED FOR MIXTURES)

EFFECTS OF OVEREXPOSURE:

NOT EXPECTED TO BE A PROBLEM. ---BASED ON TESTING OF THIS PRODUCT,
SIMILAR PRODUCTS, AND/OR THE COMPONENTS.

EMERGENCY AND FIRST AID PROCEDURESEYE CONTACT:

FLUSH WITH WATER.

SKIN CONTACT:

WASH CONTACT AREAS WITH SOAP AND WATER.

INHALATION:

REMOVE FROM FURTHER EXPOSURE. IF UNCONSCIOUSNESS OCCURS, SEEK
IMMEDIATE MEDICAL ASSISTANCE AND CALL A PHYSICIAN. IF BREATHING HAS
STOPPED, USE MOUTH TO MOUTH RESUSCITATION.

INGESTION:

IF LARGE QUANTITIES ARE INGESTED (~ONE PINT (1/2 LITER) FOR AN
ADULT OR PROPORTIONATELY LESS FOR A CHILD), INDUCE VOMITING BY GIVING
TWO GLASSES OF WATER AND STICKING FINGERS DOWN THROAT. CALL A PHYSICIAN.
DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
PERSON.

REACTIVITY DATA

STABILITY: (THERMAL, LIGHT, ETC.) CONDITIONS TO AVOID:
STABLE STRONG OXIDATION

INCOMPATIBILITY: (MATERIALS TO AVOID)

STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS:

CO AND CO2.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

CONDITIONS TO AVOID:

SPILL OR LEAK PROCEDUREENVIRONMENTAL IMPACT:

U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORTING OF OIL SPILLS THAT COULD RESULT IN THE OIL REACHING ANY WATERWAYS INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE NUMBER 800-424-8802. FOR LOCATIONS OUTSIDE U. S. JURISDICTION REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

ADSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, OR OTHER ADSORBENT. SHOVEL UP AND DISPOSE AS NORMAL REFUSE.

WASTE DISPOSAL METHODS:

DILUTE WASTE WITH A FLAMMABLE SOLVENT, TO REDUCE ITS VISCOSITY, AND DISPOSE BY SUPERVISED INCINERATION IN COMPLIANCE WITH LOCAL REGULATIONS.

SPECIAL PROTECTION INFORMATIONEYE PROTECTION:

NO SPECIAL EQUIPMENT REQUIRED.

SKIN PROTECTION:

NO SPECIAL EQUIPMENT REQUIRED.

RESPIRATORY PROTECTION:

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

VENTILATION:

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

OTHER:SPECIAL PRECAUTIONSHANDLING AND STORING:

HANDLING: NO SPECIAL PRECAUTIONS REQUIRED.

TOXICOLOGICAL DATAACUTEORAL TOXICITY:

LD50: > 5 G/KG 0/10 RATS DIED AT THIS DOSAGE LEVEL. SLIGHTLY TOXIC (ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS

DERMAL TOXICITY:

LD50: > 2 G/KG 0 RABBITS DIED AT THIS DOSAGE LEVEL. SLIGHTLY TOXIC (ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS

INHALATION TOXICITY:

UNKNOWN

EYE IRRITATION:

CAUSED NO SIGNIFICANT IRRITATION TO RABBITS. EYE IRRITATION SCORES: 0 AT 24 HOURS, 0 AT 48 HOURS, 0 AT 72 HOURS

SKIN IRRITATION:

NOT IRRITATING TO RABBITS AFTER 24 HOUR CLOSED PATCH CONTACT. PRIMARY IRRITATION SCORE: 0/3

SUBACUTE AND MUTAGENICITY (SUMMARY)CHRONIC OR SPECIALIZED (SUMMARY)OTHER DATA (MOBIL USE ONLY)

34-73

PREPARED BY:

Andrew E. Bertone

DATE:

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